Fedi Hamdi

Engineering student in statistics and information analysis, looking for an end of studies internship starting in February

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Education

2016-Today	Higher School of Statistics and Data Analysis - ESSAIT
2014-2016	Tunis Preparatory Institute for Engineering Studies Montfleury - IPEIT
2014	Scientific Baccalaureate in Mathematics (Highest Honors)

PROFESSIONAL EXPERIENCES

01-07-2017 / 05-08-2017 — **Internship insertion / Tunisian Company of Electricity and Gas STEG**

Classification of claims files.
Statistical studies of consumption and debt by regions.

01-07-2018 / 25-08-2018 — **Traineeship summer / Best Brands Company**

Seasonal adjustment of the time series; Monthly data of French travelers of traffic on the SNCF 1963-2017 to be able to model and calculate forecasts.

01-08-2019 / 30-08-2019 — **Traineeship engineering / Society Tunisian Insurance and Reinsurance STAR**

The establishment of a model for calculating the premiums and compensation.
Developing a dashboard for statistics followed the business.
SAS | R | SQL | Excel | Access |

Projects academic

logistic regression / Machine Learning

Creating an R-Shiny application on the database "German Credit dataset" (Univariate analysis, bivariate analysis, Logistic regression, decision trees and neural networks).

Expenditure Survey clothing during the last balances.

Application of different types of polls following a survey on clothing spending in recent balances (with R).

Principal components analysis.

Analysis of data on student satisfaction of ESSAIT (under R) [PCA | MCA | FAC].
Classinfication using different methodes ; K-means, Hirarchical clustering and Self-Organizing Map [SOM]

Neural networks Convolutive / Machine Learning.

Detect 7 different classes of skin cancer by using a convolution neural network with keras tensorflow-in " Back-end "And then analyze the results to see how the model can be useful in practical scenarios. (under Python)

TECHNICAL SKILLS

R	»»»»»»»»»»
Python	»»»»»»»»
SAS	»»»»»»»
HTML / CSS	»»»»»»»»
C || Java	»»»»»»»»
PHP	»»»»»»
MySQL	»»»»»»

FUNCTIONAL SKILLS

Data analytics - Data Mining - Regression - Test - Estimation - Multidimensional analysis - **stochastic process** - Chronological Series - Neural Networks - Simulation - **Forecast** - Machine Learning - **dynamic optimization** - **Risk provisions** - **Pricing of insurance contracts** - **Risk management** - Non-Life Insurance Mathematics - **Catastrophe modeling** - duration models - **Financial Risk Management** - **Chain ladder** - Solvency - Data Warehouse - **provisioning** - Econometrics - Bayesian Statistics.

LANGUAGE

French   English

HOBBY

Programming - Football - Jogging - Gaming